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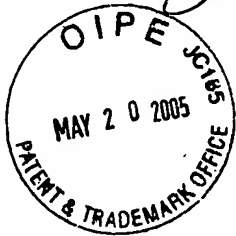
on MAY 18, 2005 (Date of Deposit)

Date 05/18/05 Name Shelly Kent

PATENT

Attorney Docket No.: 006915 P02

RW Ref. No.: APM/001-02-CP1-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth S. COLLINS, et al.

Serial No.: 10/646,533

Examiner: Jack S. Chen

Filed: August 22, 2003

Group Art Unit: 2813

For: PLASMA IMMERSION ION IMPLANTATION APPARATUS USING A
PLASMA SOURCE HAVING LOW DISSOCIATION AND LOW
MINIMUM PLASMA VOLTAGE

RESPONSE/AMENDMENT TRANSMITTAL

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is a response to the Notice of Non-Compliance dated April 18, 2005 and in further response to the Office Action dated December 28, 2004 in the above-identified patent application. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	89 minus	89 =	0	x \$50	\$000.00
Independent	3 minus	3 =	0	x \$200	\$000.00
If Multiple Dependent Claims Are Present, Add \$360.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00

☒ [X] No additional fee is required.

☐ [] A check in the amount of \$ is attached.

☒ [X] The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,



Robert M. Wallace

Reg. No. 29,119

Customer No. 000044843

Attorney for Applicants

Dated: May 18, 2005

Robert M. Wallace
Patent Attorney
2112 Eastman Avenue, Suite 102
Ventura, CA 93003
(805) 644-4035

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on MAY 18, 2005 (Date of Deposit)

Date 05/18/05 Name Shelly Hart



PATENT

Attorney Docket No.: 006915 P02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Kenneth Collins, et al. :
 :
Entitled: PLASMA IMMERSION ION :
IMPLANTATION APPARATUS USING A : Group Art Unit: 2813
PLASMA SOURCE HAVING LOW :
DISSOCIATION AND LOW MINIMUM :
PLASMA VOLTAGE :
 : Examiner: Jack S. Chen
Serial No.: 10/646,533 :
 :
Filing Date: August 22, 2003 :

RESPONSE TO NOTICE OF NON-COMPLIANCE DATED 04/18/2005

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Non-Compliance dated April 18, 2005 and in further response to the Official Action dated December 28, 2004, Applicant's submit the Remarks/Arguments which begin on Page 17 of this response.



BFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/646,533	
	Filing Date	August 22, 2003	
	First Named Inventor	Kenneth COLLINS, et al.	
	Art Unit	2813	
	Examiner Name	Jack S. Chen	
Total Number of Pages in This Submission	21	Attorney Docket Number	006915 P02

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Law Office of Robert M. Wallace	
Signature		
Printed name	Robert M. Wallace	
Date	May 18, 2005	Reg. No. 29,119

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Signature	
Typed or printed name	Shelly Hart
Date	May 18, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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